

**Amendments to the Specification:**

Please amend the specification as follows:

Please replace the paragraph on page 25, lines 16-21 with the following rewritten paragraph:

All the embodiments using the improved Peltier effect heat transfer circuit system under the present invention can provide: "an open energy recycle system which ... ~~is in no need of the external electric power including the chemical fuel~~, transfers the heat energy based on the natural heat energy[[,]] and makes various energy conversions," and "a system which decelerates global warming and is substantially free from environmental load causing the environmental pollution."